

From: Schroeder, Paul R ERDC-RDE-EL-MS CIV
To: [Peterson, Lance](#)
Cc: [Wardah Azhar](#); [Sheldrake, Sean](#)
Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)
Date: Sunday, September 17, 2017 8:09:23 PM
Attachments: [Paul Schroeder Comments_091717 prs.docx](#)

Classification: UNCLASSIFIED
Caveats: FOUO

Lance,

I have edited the attached comments to clarify my notes.

I have reviewed the 7 additional comments on slope stability and bearing capacity and do not have any comments on them.

Paul

-----Original Message-----

From: Peterson, Lance [<mailto:PetersonLE@cdmsmith.com>]
Sent: Friday, September 15, 2017 3:15 PM
To: Schroeder, Paul R ERDC-RDE-EL-MS CIV
Cc: Azhar, Wardah; Sean Sheldrake (sheldrake.sean@epa.gov)
Subject: FW: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)

Paul, attached are 2 comment files:

(b) (5)

I will be out next week so I have copied Wardah Azhar who can wrap things up once you send back your feedback. Thanks again for your review help.

Lance

-----Original Message-----

From: Schroeder, Paul R ERDC-RDE-EL-MS CIV [<mailto:Paul.R.Schroeder@erdcdren.mil>]
Sent: Thursday, September 14, 2017 8:24 AM
To: Peterson, Lance <PetersonLE@cdmsmith.com>
Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: FOUO

Lance,

I have not had an opportunity to write up my comments formally. The notes in the attached text itemizes my concerns and comments.

How would you like me to proceed? Some comments may need more clarification.

Paul

-----Original Message-----

From: Peterson, Lance [<mailto:PetersonLE@cdmsmith.com>]
Sent: Thursday, September 14, 2017 9:51 AM
To: Schroeder, Paul R ERDC-RDE-EL-MS CIV
Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)

Hi Paul, are your comments almost there? We're trying to wrap the final draft comment set up this week.

Lance

-----Original Message-----

From: Schroeder, Paul R ERDC-RDE-EL-MS CIV [<mailto:Paul.R.Schroeder@erdcdren.mil>]
Sent: Sunday, September 10, 2017 2:14 PM
To: Peterson, Lance <PetersonLE@cdmsmith.com>
Cc: Sean Sheldrake (sheldrake.sean@epa.gov); Coffey, Scott <CoffeySE@cdmsmith.com>
Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)

Lance,

I have reviewed your comments and my comments are embedded in the attached document. I have additional comments on the plan that I am assembling and plan to send mid-week.

Paul

-----Original Message-----

From: Peterson, Lance [<mailto:PetersonLE@cdmsmith.com>]

Sent: Friday, September 08, 2017 10:03 AM

To: Schroeder, Paul R ERDC-RDE-EL-MS CIV <Paul.R.Schroeder@erdcdren.mil>

Cc: Sean Sheldrake (sheldrake.sean@epa.gov) <sheldrake.sean@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>

Subject: FW: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)

Paul,

As promised in my e-mail last week attached are draft comments on the Gasco RD planning document (the document is attached (again) in case you want to skim it). The comments cover capping (Section 4.2) and dredging (Section 4.3) although we are still reviewing the geotech-focused sections (4.2.5, 4.2.7 and 4.2.8). Your comments on the draft comments would be appreciated (in the ideal world by mid-next week). Thanks.

Lance

-----Original Message-----

From: Schroeder, Paul R ERDC-RDE-EL-MS CIV [<mailto:Paul.R.Schroeder@erdcdren.mil>]

Sent: Thursday, August 03, 2017 11:29 AM

To: Sheldrake, Sean <sheldrake.sean@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>

Cc: Peterson, Lance <PetersonLE@cdmsmith.com>

Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: FOUO

Yes, I can be available.

Paul

-----Original Message-----

From: Sheldrake, Sean [<mailto:sheldrake.sean@epa.gov>]

Sent: Thursday, August 03, 2017 12:45 PM

To: Gustavson, Karl; Schroeder, Paul R ERDC-RDE-EL-MS CIV

Cc: Lance Peterson (PetersonLE@cdmsmith.com)

Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25 sf deliberative

Good point Karl.

Paul, under the Portland harbor IAG, would you be willing/available to conduct design reviews for the Gasco MGP site? If so, I can ask Lance at CDM to forward on key documents for your review going forward (as well as the BoD document we have in front of us now).

Thank you.

S

Sean Sheldrake, Unit Diving Officer, RPM

EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01

Seattle, WA 98101

206.553.1220 desk

206.225.6528 cell

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From: Gustavson, Karl
Sent: Tuesday, August 01, 2017 2:21 PM
To: Sheldrake, Sean <sheldrake.sean@epa.gov>
Subject: RE: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25

Sean, You may want to ask Paul Schroeder from ERDC to advise on the cap design and placement issues. He's a great resource on it.

Cheers,

Karl

From: Sheldrake, Sean
Sent: Wednesday, July 26, 2017 10:55 AM
To: Alex Liverman (liverman.alex@deq.state.or.us) <liverman.alex@deq.state.or.us>; bayuk.dana@deq.state.or.us; brandy.humphreys@grandronde.org <<mailto:brandy.humphreys@grandronde.org>>; callie@ridolfi.com; Chu Rebecca <Chu.Rebecca@epa.gov>; Scott Coffey <coffeyse@cdmsmith.com>; Cora, Lori <Cora.Lori@epa.gov>; Courtney Johnson (courtney@crag.org) <courtney@crag.org>; Dan Hafley (HAFLEY.Dan@deq.state.or.us) <HAFLEY.Dan@deq.state.or.us>; dextr@yakamafish-nsn.gov <<mailto:dextr@yakamafish-nsn.gov>>; Ebright, Stephanie <EBRIGHT.STEPHANIE@EPA.GOV>; DeMaria, Eva <DeMaria.Eva@epa.gov>; Gail Fricano (gfricano@indecon.com) <gfricano@indecon.com>; Genevieve Angle - NOAA-NMFS (Genevieve.Angle@noaa.gov) <Genevieve.Angle@noaa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Holly Partridge (Holly.Partridge@grandronde.org) <Holly.Partridge@grandronde.org>; Jen Graham <jennifer.graham@ctwsbnr.org>; Jen Kassakian (jkassakian@indecon.com) <jkassakian@indecon.com>; Jeremy_Buck@fws.gov; jweis@hk-law.com <<mailto:jweis@hk-law.com>>; Kevin Parrett <Parrett.Kevin@deq.state.or.us>; Knudsen, Laura <Knudsen.Laura@epa.gov>; Kristin Callahan <kristin@ridolfi.com>; Lance Peterson (PetersonLE@cdmsmith.com) <PetersonLE@cdmsmith.com>; Laura Klasner Shira <shil@yakamafish-nsn.gov>; Matt Johnson - JD Law Umatilla rep. (MatthewJohnson@ctuir.org) <MatthewJohnson@ctuir.org>; mcclincy.matt@deq.state.or.us; tosm@yakamafish-nsn.gov; Michael.karnosh@grandronde.org <<mailto:Michael.karnosh@grandronde.org>>; NaomiStacy@ctuir.org; Rachel DelVecchio (rdelvecchio@indecon.com) <rdelvecchio@indecon.com>; Rita Cabral (rcabral@indecon.com) <rcabral@indecon.com>; Robert Brunoe (robert.brunoe@ctwsbnr.org) <robert.brunoe@ctwsbnr.org>; Robert.Neely@noaa.gov; rose@yakamafish-nsn.gov <<mailto:rose@yakamafish-nsn.gov>>; Sarah Greenfield (Greenfield.Sarah@deq.state.or.us) <Greenfield.Sarah@deq.state.or.us>; ted_buerger@fws.gov; tomd@ctsi.nsn.us <<mailto:tomd@ctsi.nsn.us>>
Subject: FW: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan - comments by 8/25

All, please see the attached BOD from NWN. As mentioned on the TCT today, please let me know if you plan on submitting comments, and if Friday 8/25 will not be enough time for your review.

Thank you.

S

Sean Sheldrake, Unit Diving Officer, RPM

EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01

Seattle, WA 98101

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206.225.6528 cell

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From: Jen Mott [<mailto:jmott@anchorqea.com>]
Sent: Thursday, July 13, 2017 2:44 PM
To: Sheldrake, Sean <sheldrake.sean@epa.gov>
Cc: Bob Wyatt <rjw@nwnatural.com>; Patty Dost <pdost@pearllegalgroup.com>; Sarah Riddle <sriddle@pearllegalgroup.com>; Rachel Melissa (RMelissa@pearllegalgroup.com) <RMelissa@pearllegalgroup.com>; BAYUK Dana <dana.bayuk@state.or.us>; GREENFIELD Sarah <sarah.greenfield@state.or.us>; Myron Burr (myron.burr@siltronic.com) <myron.burr@siltronic.com>; 'Mike Murray' <mmurray@maulfoster.com>; 'James Peale (jpeale@maulfoster.com)' <jpeale@maulfoster.com>; Kelly Titkemeier (ktitkemeier@maulfoster.com) <ktitkemeier@maulfoster.com>; Mary Benzinger (mbenzinger@maulfoster.com) <mbenzinger@maulfoster.com>; Crystal, Mike <MDCrystal@sevenson.com>; 'Michael J. Crystal (mjcrystal@sevenson.com)' <mjcrystal@sevenson.com>; 'Donegan, Tim' <TDonegan@sevenson.com>; Ryan Barth <rbarth@anchorqea.com>; Carl Stivers <cstivers@anchorqea.com>; John Verduin <jverduin@anchorqea.com>; Ben Hung <bhung@anchorqea.com>; Holly Samaha <hsamaha@anchorqea.com>; Joe Smith <jsmith@anchorqea.com>; Jen Mott <jmott@anchorqea.com>; Zhen, Davis <Zhen.Davis@epa.gov>; DeMaria, Eva <DeMaria.Eva@epa.gov>; Lance Peterson (PetersonLE@cdmsmith.com) <PetersonLE@cdmsmith.com>; Scott Coffey <coffeyse@cdmsmith.com>; Kenny Hanour <khanour@anchorqea.com>
Subject: Gasco Sediments Pre-Remedial Basis of Design Technical Evaluations Work Plan

Sean -

In accordance with the Gasco Sediments Site revised Table 1 Schedule of Project Deliverables approved by EPA on June 19, 2017, attached please find the Pre-Remedial Basis of Design Technical Evaluations Work Plan for EPA review. Please do not hesitate to contact NW Natural if EPA has any questions during review of the document. NW Natural looks forward to EPA's feedback. Thanks.

Thank you,

Jen Mott J

Anchor QEA, LLC

jmott@anchorqea.com <<mailto:jmott@anchorqea.com>>

New address as of April 10: 6720 SW Macadam Ave, Suite 125, Portland, OR 97219

503-972-5014

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